

Human Drive 4 Future of Manufacturing, across Europe and beyond

Milan | 19 October 2021 | 09:30 – 15:00 CEST

Timing	Intervention	Speaker	Type
09:30-9:50	Opening	EIT Manufacturing (Paola Fantini & Konstantinos Georgoulas)	Introduction and Keynote
		DG EAC - Luca Perego	
		EIT - Marian Belko	

9:50-10:45	I - Sustainable, human-centric and resilient Manufacturing		
9:50 – 10:00	Human-centric, sustainable and resilient manufacturing	DG Research & Innovation E4 – Industry 5.0 - Seán O'REAGAIN	Keynote
10:00 – 10:10	Educating future manufacturing innovators and entrepreneurs:	EIT Labelled programs by EIT Manufacturing (CEA - Isabelle Schuster)	Keynote
10:10-10:20	Connecting and networking manufacturing	Young Manufacturing Leaders (Jacopo Farina, Greta Braun), EIT Manufacturing Alumni (Matej Simovec, Carlos Eduardo Valero)	Panel
	Young Manufacturing Leaders Alumni		
10:20-10:30	Resilient Manufacturing for resilient societies	AM-HLP (Fraunhofer - Hussein Tarhini) V-MACHINA (SUPSI -- Achille Peternier)	Panel
10:30-10:45	Educating future manufacturing innovators and entrepreneurs:	Leafox (Technical University of Braunschweig -Nadja Mindt)	Panel
		DscoverMFG (University College Dublin - Sylvia Leatham)	
		EMBRYO (Mondragon University - Lander Galdos)	
		AM Healthy future (Stryker - Triona Kennedy)	
		ManuCode (Joanneum Research -Michael Hofbauer)	
		GGC/Skills for future (EIT Manufacturing - Monika Primozic)	

10:50-11.45 II - Bright skills and valuable jobs for future Manufacturing			
10:50-10:55	Welcome & intro	EIT Manufacturing	Intro
10:55-11:05	The Pact for skills	EC DG EMPL - Julie Fionda t.b.c.	Keynote
11:05-11:20	Making our Workforce Fit for the Factory of the Future	Fit for FoF project (Steinbeis-Europa-Zentrum - Sabine Hafner-Zimmermann)	Interview
	Manufacturing Competency framework	Manuskills (Technical University of Wien-Philipp Hold)	
11:20-11:45	Additive Manufacturing Skills, Green Skills, AI skills	SAM Erasmus + project (European Welding Federation - Adelaide Almeida)	Interview
		XXIC Green Skills (SIEMENS - Stephan Szuppa)	
		XXIC AI Skills (EIT Manufacturing Central - Christian Boelling)	

12:30-13.25 III - Teaching & Learning Factories, and Training Networks			
12:30-12.35	Welcome & intro	EIT Manufacturing	Intro
12:35-12.45	Network for Excellence	ETF - Georgios Zisimos	Keynote
12:45-12:55	Teaching Factories networks	TF KnowNet (University of Patras LMS - Harry Bikas)	Presentation
		M-NEST (University of Porto FEUP - Rui Pinto)	
12:55-13:10	Training networks for advanced manufacturing		Panel
	Power LIFT Empower LIFT network	MADE (Competence Center) - Monica Rossi	
	DIGIMAN aDvanced studies in Digitalisation of MANufacturing	University of Porto FEUP – Gil Gonçalves	
	MirrorLabs MirrorLabs – creating similar learning environment for students all over Europe for human-robot coproduction	Technical University of Delft - Doris Aschenbrenner	
13:10-13:25	EIT AddManu à Additive Manufacturing Teaching Factory	TU WIEN - Julia-Anna Schonherr	Panel
	AMagine Demand-driven education based on industrial knowledge gaps to increase adoption of AM in the manufacturing	Aalto University - Sergei Chekurov	
	CAPT'N'SEE CAPTURE & foStEr additive manufacturing knowLEDge for luxury industry	ENSAM - Frederic Segonds	
	TR-AM Training on multi-scale modelling simulations for additive manufacturing	Technical University of Wien – Gernot Mauthner	

13:30-14:55 IV - Transforming industry through education, upskilling and reskilling			
13:30-13:35	Welcome & intro	EIT Manufacturing	Intro
13:35-13:45	HEI Initiative	DG EAC Luca Perego	Keynote
13:45-13:55	EITM Education & Training Activities differences across Europe/RIS Regions	EIT Manufacturing - Konstantinos Georgoulas	Keynote
13:55-14:10	From Karlstad to Albany – can HEIs help re-shoring manufacturing in OECD regions	OECD - Raffaele Trapasso	Keynote
	Fostering Skill Ecosystems for the Future of Manufacturing	PEEP - Dana Redford	
14:10-14:25	Higher Education Capacity Building Initiative Consortia	INVENTHEI (Gil Gonçalves – FEUP)	Pitches
		PROMETHEUS (Yannis Charalabidis - University of the Aegean)	
		RIECOLAB (T. Bartosz Kalinowski – University of Lodz)	
14:25-14:40	E-ROS4PRO Education to ROS opensource robotics	Bordeaux INP – Yoan Mollard	Panel
	ENHANCE strENgtHening skills and training expertise in humAN maChinE interaction	COMAU - Fabrizio Timo	
	DigiMain 4.0 Empowering Digital and Technical Robotics Skills of Maintenance Workforce 4.0	Technical University of Wien - Steffen Nixdorf	
	FactoryBricks FactoryBricks: Smart Learning @Home for the Management of Connected Factories	Politecnico di Milano - Andrea Matta	
14:40-14:55	HiAi Human in the AI loop	Technical University of Darmstadt - Jannik Rosemeyer	Panel
	AIMS2 AI for Manufacturing SMEs and Students	Philips - Jan Wytze van der Weit	
	Pro-AR Training for Professionals in Augmented Reality Content Generation and Management for Various Shop Floor Applications	Ruhr University Bochum – Jan Luca Siewert	
	SEEN for Lightweighting Simulation Enhanced/Enabled Nuggets for Learning and Mastering Manufacturing for Light weighting	ESI Group - Anne Chambard	